

IN THE CLAIMS:

Please amend claims 1, 36, 54, and 71 as follows. In accordance with the Revised Amendment Format, the status of all claims and the markings in the "Currently Amended" claims 1, 36, 54, and 71 are presented below.

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1. (Currently Amended) An information processing apparatus connected to a network, comprising:

a communicating unit, arranged to communicate information with each of terminal devices on said network;

a first acquiring unit, arranged to perform an acquisition function, to acquire a first information related to the terminal device connected to said network through said communicating unit;

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a second acquiring unit, arranged to perform an acquisition function, to acquire a second information related to a peripheral device which is locally connected, not through said network, to the terminal device whose first information is acquired by said first acquiring unit;

a third acquiring unit, arranged to perform an acquisition function, to acquire a status of the peripheral device whose second information is acquired by said second acquiring unit; and

a display unit for displaying information of a the terminal device connected to said network, information of a the peripheral device connected to said terminal device, and a the status thereof based upon the first information acquired by said

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first acquiring unit, the second information acquired by said second acquiring unit, and the status acquired by said third acquiring unit.

2. (Previously Amended) An information processing apparatus according to claim 1, wherein
said first acquiring unit, said second acquiring unit, and said third acquiring unit poll the terminal device on said network to acquire both the information and the status thereof every time a predetermined time period has passed; and
said display unit updates the display content based upon said polling-acquired information and condition.

3. (Previously Amended) An information processing apparatus according to claim 1, wherein
said first acquiring unit, said second acquiring unit, and said third acquiring unit poll the terminal device on said network to acquire both the information and the status thereof in response to a predetermined operation made by a user; and
said display unit updates the display content based upon said polling-acquired information and condition.

4. (Previously Amended) An information processing apparatus according to claim 1, wherein

said first acquiring unit, said second acquiring unit, and said third acquiring unit receive and obtain both the information and the condition notified from the terminal device on said network; and

said display unit updates the display content based upon said notified information and condition.

5. (Previously Amended) An information processing apparatus according to claim 1, further comprising:

a selecting unit, arranged to select a desirable peripheral device by a user from the peripheral devices displayed by said display unit wherein,

a set-up operation for using the selected peripheral device is carried out in response to the selecting operation by the user via said selecting unit.

6. (Previously Amended) An information processing apparatus according to claim 1, wherein

said peripheral device is a printer device.

7. (Previously Amended) An information processing apparatus according to claim 1, wherein

said peripheral device is a modem device.

8. (Previously Amended) An information processing apparatus according to claim 1, wherein

said peripheral device is an image input device.

9. (Previously Amended) An information processing apparatus according to claim 1, wherein

said first acquiring unit acquires information of a terminal device within a predetermined network domain.

10. (Previously Amended) An information processing apparatus according to claim 1, wherein

said display unit displays a terminal device and a peripheral device, which are displayed, by way of display elements, and also displays a connection condition thereof by connecting the respective display elements to each other on a display screen thereof.

11. (Previously Amended) An information processing apparatus according to claim 10, wherein

said display unit displays thereon the connection condition of said peripheral device based upon a sort of lines used to connect the terminal device with the peripheral device.

12. (Previously Amended) An information processing apparatus according to claim 10, wherein

when said display unit displays the condition of the peripheral device, said display unit selects an icon corresponding to said condition of the peripheral device from a predetermined icon group to display said selected icon.

13. (Previously Amended) An information processing apparatus according to claim 12, wherein

said icon group contains an icon for indicating that a peripheral device is busy, and also another icon for representing that a peripheral device is not under use.

14. (Previously Amended) An information processing apparatus according to claim 12, wherein

said icon group contains an icon for representing the condition of the peripheral device by way of a moving picture representation.

15. (Previously Amended) An information processing apparatus according to claim 12, wherein

said icon group contains an icon for representing the condition of the peripheral device by way of a mesh thereof.

16. (Previously Amended) An information processing apparatus according to claim 12, wherein

said icon group contains an icon for indicating that a driver program for controlling a peripheral device is not installed in the own device.

17. (Previously Amended) An information processing apparatus connected to a network, comprising:

a first saving unit, arranged to save a first information of the own device on said network;

a connector, arranged to locally connect, not through said network, a peripheral device thereto;

a second saving unit, arranged to save a second information of said peripheral device connected by said connector;

a detecting unit, arranged to detect a condition of said peripheral device connected by said connector; and

a transmitting unit, arranged to transmit the first information saved in said first saving unit, the second information saved in said second saving unit, and the condition detected by said detecting unit to another device in response to a request issued from said another device.

18. (Previously Amended) An information processing apparatus connected to a network, comprising:

a first saving unit, arranged to save a first information of the own device on said network;

a connector, arranged to locally connect, not through said network, a peripheral device thereto;

a second saving unit, arranged to save a second information of said peripheral device connected by said connector;

a detecting unit, arranged to detect a condition of said peripheral device connected by said connector; and

a transmitting unit, arranged to transmit the first information saved in said first saving unit, the second information saved in said second saving unit, and the condition detected by said detecting unit to another device on said network every predetermined period.

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36. (Currently Amended) A method for displaying information of a peripheral device locally connected to a terminal device connected to a network, said method comprising:

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a first acquisition step, of performing an acquisition function of acquiring first information related to the terminal device connected to said network;

a second acquisition step, of performing an acquisition function of acquiring second information related to the peripheral device that is locally connected, not through said network, to the terminal device whose first information is acquired;

a third acquisition step, of performing an acquisition function of acquiring third information related to the condition of the peripheral device whose second information is acquired; and

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a display step, of displaying a connection status display indicative of the first information of the terminal device connected to said network, the second information of the peripheral device connected to said the terminal device, and the status thereof based upon the first information, the second information, and the third information.

37. (Previously Amended) A display method according to claim 36, wherein
said first information, said second information, and said third information are acquired by polling the terminal device on said network to acquire both the information and the status thereof every time a predetermined time period has passed, and the content of said connection status display is updated by the display content based upon said polling-acquired information and condition.

38. (Previously Amended) A display method according to claim 36, wherein
said first information, said second information, and said third information are acquired by polling the terminal device on said network to acquire both the information and the status thereof in response to a predetermined operation made by a user, and
the display content of said connection status display is updated by the display content based upon said polling-acquired information and condition.

39. (Previously Amended) A display method according to claim 36, further comprising:

a reception step, of receiving and obtaining said first information, said second information, and said third information notified from the terminal device on said network; and

an update step, of updating the display content of the connection status display based upon said notified information and condition.

40. (Previously Amended) A display method according to claim 36, further comprising:

a selection step, of selecting a desirable peripheral device by a user from the peripheral devices displayed on said connection state display wherein,

a set-up operation for using the selected peripheral device is carried out in response to the selecting operation of the peripheral device by the user via said selection step.

41. (Previously Amended) A display method according to claim 36, wherein

said peripheral device is a printer device.

42. (Previously Amended) A display method according to claim 36, wherein

said peripheral device is a modem device.

43. (Previously Amended) A display method according to claim 36,
wherein

said peripheral device is an image input device.

44. (Previously Amended) A display method according to claim 36,
wherein

said first information is acquired from a terminal device within a
predetermined network domain.

45. (Previously Amended) A display method according to claim 36,
wherein

to display the connection status display, a terminal device and a
peripheral device, which are displayed, are expressed by way of display elements, and also
the connection status is displayed by connecting the respective display elements to each
other on a display screen thereof.

46. (Previously Amended) A display method according to claim 45,
wherein

the connection status of said peripheral device is displayed based upon
a sort of lines used to connect the terminal device with the peripheral device.

47. (Previously Amended) A display method according to claim 45,
wherein

when the condition of the peripheral device is displayed, an icon corresponding to said condition of the peripheral device is selected from a predetermined icon group to display said selected icon, to display the connection status display.

48. (Previously Amended) A display method according to claim 47, wherein
said icon group contains an icon for representing the condition of the peripheral device by way of a moving picture representation.

49. (Previously Amended) A display method according to claim 47, wherein
said icon group contains an icon for representing the condition of the peripheral device by way of a mesh thereof.

50. (Previously Amended) A display method according to claim 47, wherein
said icon group contains an icon for indicating that a peripheral device is busy, and also another icon for representing that a peripheral device is not busy.

51. (Previously Amended) A display method according to claim 47, wherein
said icon group contains an icon for indicating that a driver program for controlling a peripheral device is not installed in the own device.

52. (Previously Amended) A method for displaying information of a peripheral device locally connected, not through a network, to an information processing apparatus connected with the network, said method comprising:

a first save step, of saving first information relating to the own device on said network;

a second save step, of saving second information relating to said peripheral device locally connected, not through said network, thereto;

a detection step, of detecting a condition of said peripheral device connected thereto; and

a transmission step, of transmitting the first information, the second information, and the condition of said peripheral device to another device based upon a request issued from another device on said network.

53. (Previously Amended) A method for displaying information of a peripheral device locally connected, not through a network, to an information processing apparatus connected with the network, said method comprising:

a first save step, of saving first information relating to the own device on said network;

a second save step, of saving second information relating to said peripheral device locally connected, not through said network, thereto;

a detection step, of detecting a condition of said peripheral device connected thereto; and

a transmission step, of transmitting the first information, the second information, and the condition of said device to another device on said network in a periodic manner.

54. (Currently Amended) A method for displaying information of a peripheral device locally connected, not through a network, to a terminal device connected with the network, said method comprising:

a first acquisition step, of performing an acquisition function of acquiring first information relating to a information processing apparatus connected to said network;

a second acquisition step, of performing an acquisition function of acquiring second information relating to the peripheral device which is locally connected, not through said network, to the terminal device whose first information is acquired;

a third acquisition step, of performing an acquisition function of acquiring third information related to a status of the peripheral device whose second information is acquired; and

a display step, of displaying a connection status display indicative of information of the terminal device connected to said network, information of the peripheral device connected, not connected through said network, to said the terminal device, and a status thereof based upon the first information, the second information, and the third information in the first information processing apparatus; and also comprising:

a first save step, of saving information of the own device on said network;

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a second save step, of saving information relating to said peripheral device locally connected, not through said network, thereto;

a detection step, of detecting a condition relating to said peripheral device connected thereto; and

a transmission step, of transmitting the information related to said own device, the information related to said peripheral device, and the condition of said peripheral device to said first information processing apparatus in a second information processing apparatus.

55. (Previously Amended) A display method according to claim 54, wherein

said first information, said second information, and said third information are acquired by polling the information processing apparatuses on said network to acquire both the information and the status thereof every time a predetermined time period has passed, and

the content of said connection status display is updated by the display content based upon said polling-acquired information and condition.

56. (Previously Amended) A display method according to claim 54, wherein

said first information, said second information, and said third information are acquired by polling the information processing apparatuses on said network

to acquire both the information and the status thereof in response to a predetermined operation made by a user, and

the display content of said connection status display is updated by the display content based upon said polling-acquired information and condition.

57. (Previously Amended) A display method according to claim 54, wherein

said first information, said second information, and said third information are acquired by receiving both the information and the condition notified from the first and second information processing apparatuses on said network, and

the display content of said connection status display is updated based on said notified information and status.

58. (Previously Amended) A display method according to claim 54, further comprising:

a selection step, of selecting a desirable peripheral device by a user from the peripheral devices displayed on said connection status display, wherein,

a set-up operation for using the selected peripheral device is carried out in response to the selections step of the peripheral device by the user via said selection step.

59. (Previously Amended) A display method according to claim 54, wherein

said peripheral device is a printer device.

60. (Previously Amended) A display method according to claim 54,
wherein
said peripheral device is a modem device.

61. (Previously Amended) A display method according to claim 54,
wherein
said peripheral device is an image input device.

62. (Previously Amended) A display method according to claim 54,
wherein
both said first information processing apparatus and said second
information processing apparatus belong to a predetermined network domain, and
said first information processing apparatus acquires said first
information from an information processing apparatus within said predetermined network
domain.

63. (Previously Amended) A display method according to claim 54,
wherein
to display the connection status display, the information processing
apparatuses and a peripheral device, which are displayed, are represented by way of display
elements, and also the connection status is displayed by connecting the respective display
elements to each other on a display screen thereof.

64. (Previously Amended) A display method according to claim 54,
wherein
the connection status of said peripheral device is displayed based upon
a sort of lines used to connect the terminal device with the peripheral device.

65. (Previously Amended) A display method according to claim 54,
wherein
when the condition of the peripheral device is displayed, an icon
corresponding to said condition of the peripheral device is selected from a predetermined
icon group to display said selected icon, to display the connection status display.

66. (Previously Amended) A display method according to claim 65,
wherein
said icon group contains an icon for representing the condition of the
peripheral device by way of a moving picture representation.

67. (Previously Amended) A display method according to claim 65,
wherein
said icon group contains an icon for representing the condition of the
peripheral device by way of a mesh thereof.

68. (Previously Amended) A display method according to claim 65,
wherein

said icon group contains an icon for indicating that a peripheral device is busy, and also another icon for representing that a peripheral device is not busy.

69. (Previously Amended) A display method according to claim 65, wherein

said icon group contains an icon for indicating that a driver program for controlling a peripheral device is not installed in the own device.

70. (Previously Amended) A display method according to claim 65, wherein

said peripheral device is a printer device; and

said icon group contains such an icon that indicates that a plurality of print jobs are pending.

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71. (Currently Amended) A storage medium for storing thereinto a computer program executed by a computer employed in an information processing apparatus connected to a network, wherein said computer program comprises:

code for a first acquisition step, of performing an acquisition function of acquiring first information related to a terminal device connected to said network;

code for a second acquisition step, of performing an acquisition function of acquiring second information related to a peripheral device which is locally connected, not through said network, to the terminal device whose first information is acquired;

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code for a third acquisition step, of performing an acquisition function
of acquiring third information related to a status of the peripheral device whose second
information is acquired; and

code for a display step, of displaying a connection status display
indicative of information of said terminal device connected to said network, information of
the peripheral device connected to said the terminal device, and a status thereof based upon
the first information, the second information, and the third information.

72. (Previously Amended) A storage medium according to claim 71,
wherein

said first information, said second information, and said third
information are acquired by polling the terminal device on said network to acquire both the
information and the status thereof every time a predetermined time period has passed, and
the content of said connection status display is updated by the display
content based upon said polling acquired information and condition.

73. (Previously Amended) A storage medium according to claim 71,
wherein

said first information, said second information, and said third
information are acquired by polling the terminal device on said network to acquire both the
information and the status thereof in response to a predetermined operation made by a user,
and

the display content of said connection status display is updated by the display content based upon said polling-acquired information and condition.

74. (Previously Amended) A storage medium according to claim 71, wherein

said first information, said second information, and said third information are acquired by receiving both the information and the status notified from the terminal device on said network, and

a display content of said connection status display is updated based upon said notified information and said notified status.

75. (Previously Amended) A storage medium according to claim 71, said computer program further comprising:

code for a selection step, of selecting a desirable peripheral device by a user from the peripheral devices displayed on said connection status display, wherein

a set-up operation for using the selected peripheral device is carried out in response to the selection step of the peripheral device by the user via said selection step.

76. (Previously Amended) A storage medium according to claim 71, wherein

said peripheral device is a printer device.

77. (Previously Amended) A storage medium according to claim 71,
wherein
said peripheral device is a modem device.

78. (Previously Amended) A storage medium according to claim 71,
wherein
said peripheral device is an image input device.

79. (Previously Amended) A storage medium according to claim 71,
wherein
said first information processing apparatus acquires information of a
terminal device within a predetermined network domain.

80. (Previously Amended) A storage medium according to claim 71,
wherein
as to said connection status display, a terminal device and a peripheral
device, which are displayed, are represented by way of display elements, and also a
connection condition thereof is displayed by connecting the respective display elements to
each other on a display screen thereof.

81. (Previously Amended) A storage medium according to claim 80,
wherein

the connection condition of said peripheral device are displayed by way of a sort of lines used to connect the terminal device with the peripheral device.

82. (Previously Amended) A storage medium according to claim 80, wherein

as to said connection status display, when the condition of the peripheral device is displayed, an icon corresponding to said condition of the peripheral device is selected from a predetermined icon group to display said selected icon.

83. (Previously Amended) A storage medium according to claim 82, wherein

said icon group contains an icon for representing the condition of the peripheral device by way of a moving picture representation.

84. (Previously Amended) A storage medium according to claim 82, wherein

said icon group contains an icon for representing the condition of the peripheral device by way of a mesh thereof.

85. (Previously Amended) A storage medium according to claim 82, wherein

said icon group contains an icon for indicating that a peripheral device is busy, and also another icon for representing that a peripheral device is not busy.

86. (Previously Amended) A storage medium according to claim 82,
wherein
said icon group contains an icon for indicating that a driver program for
controlling a peripheral device is not installed in the own device.

87. (Previously Amended) A storage medium for storing therein a
computer program executed by a computer employed in an information processing
apparatus connected to a network, wherein said computer program comprises:
code for a first saving step, of saving first information relating to the
own device on said network;
code for a second saving step, of saving second information relating to
said peripheral device locally connected, not through said network, thereto;
code for a detection step, of detecting a condition of said peripheral
device connected thereto; and
code for a transmission step, of transmitting the first information, the
second information, and the detected condition to another device based upon a request
issued from said another device on said network.

88. (Previously Amended) A storage medium for storing therein a
computer program executed by a computer employed in an information processing
apparatus connected to a network, wherein said computer program comprises:
code for a first saving step, of saving first information relating to the
own device on said network;

code for a second saving step, of saving second information relating to said peripheral device locally connected, not through said network, thereto;

code for a detection step, of detecting a condition of said peripheral device connected thereto; and

code for a transmission step, of transmitting the first information, the second information, and the detected condition to another device on said network every predetermined period.